

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	3408696
<b>Application Number:</b>	10786839
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2957
<b>Title of Invention:</b>	Optical beam steering for tunable laser applications
<b>First Named Inventor/Applicant Name:</b>	Parviz Tayebati
<b>Customer Number:</b>	22913
<b>Filer:</b>	Robert Burns Israelsen/Barbara Cook
<b>Filer Authorized By:</b>	Robert Burns Israelsen
<b>Attorney Docket Number:</b>	15436.1248.3.1
<b>Receipt Date:</b>	10-JUN-2008
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<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

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Payment Type	Credit Card
Payment was successfully received in RAM	\$ 180
RAM confirmation Number	7256
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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Foreign Reference	WO03005512.pdf	1689511	no	34
			cb550fc6bc8726126285f4f7dcfcaf7ed410f4c		
Warnings:					
Information:					
2	Foreign Reference	WO9905804.pdf	719228	no	19
			6a0ce3b3a6deb6295b4746af17dfef8856ab36a		
Warnings:					
Information:					
3	Foreign Reference	GB2107147.pdf	324485	no	7
			0b76d757e2b215639ff86414ecfe5bd820c15f28		
Warnings:					
Information:					
4	Foreign Reference	WO0104999.pdf	1440460	no	33
			540e114a41757af887ec142100133eda a2303b90		
Warnings:					
Information:					
5	NPL Documents	Passive-equalization-of-Semi conductor-Diode.pdf	1444557	no	13
			e517cb36f4b0d4cb730edeb2e6a40ad98e0bc33a		
Warnings:					
Information:					
6	NPL Documents	10Gbits-dispersion-optimized-transmission-at-1-55-um-wavelength-on-standard-single-mode-fiber.pdf	221865	no	3
			0e2228ba8a74ea280bbdd0af7f7ce0e7b7fc521		
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Information:					
7	NPL Documents	Higher-order-filter-response-in-coupled-microring-resonators.pdf	178003	no	3
			7a588bf09a6c269186b3856a6881470df84f4486		
Warnings:					
Information:					
8	NPL Documents	Nature-of-wavelength-chirping-in-directly-modulated-semiconductor-lasers.pdf	247448	no	3
			57334eba48d6a587b83dc23e2c1201bda691bf74		
Warnings:					
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9	NPL Documents	Impact-of-residual-amplitude-modulation-on-performance-of-dispersion-supported.pdf	285954	no	3
			14bbf849683a0a9e53d3b7f22a072d06bc3cf4dd		
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10	NPL Documents	Silicon-Optical-Bench-Waveguide-Technology.pdf	3013860	no	27
			d6373cecf31fe63019f7bec005549e6236222b1		
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11	NPL Documents	Advances-in-microring-resonators.pdf	213279	no	3
			4acd46cf0c95407f23191546fb9d8c2027b9cfe		
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12	NPL Documents	10-Gbs-standard-fiber-transmission-using-directly-modulated-1-55-um-quantum-well-dfb-lasers.pdf	265958	no	3
			8fa489a3e67de2fc4d98a1c07c21545d23070388		
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13	NPL Documents	38-5km-error-free-transmission-at-10-Gbits-in-standard-fibre-using-a-low-chirp.pdf	173957	no	2
			b81c3392d0f0d015d82f824379e4653bade199c7		
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14	NPL Documents	Digital-Communications.pdf	2770673	no	9
			18051bcd8448d210c7de13d50bc113c9cf2c29fb		
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15	NPL Documents	Optimum-amplitude-and-frequency-modulation-in-optical-communication.pdf	172947	no	2
			9f77e93cdd90b5edbd641f78cb36a68dbe7fed0b		
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16	NPL Documents	On-the-various-time-constants-of-wavelength-changes-of-a-DFB-laser.pdf	637433	no	7
			1c9ba37001a29df7aab1adc84f8e013f50e46858		
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Information:					
17	NPL Documents	Analysis-of-fibre-transfer-function-and-determination-of-receiver-frequency-response.pdf	186285	no	2
			30903da59abf7a3ca086acd28ae1ec1f55c01086		
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18	NPL Documents	10-Gbs-optical-transmission-up-to-253-km-via-standard-single-mode-fiber.pdf	532197 71133593fbfc604a051dec52a59d45e89b733e6b	no	8
<b>Warnings:</b>					
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19	NPL Documents	Optimization-of-the-frequency-response-of-a-semiconductor-optical-amplifier.pdf	711174 90ab348416c79d9a9b23af7ffa4a24296681771	no	8
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20	NPL Documents	Transmission-of-directly-modulated-2-5-Gbs-signals-over-250-km-of-nondispersion-shifted-fiber.pdf	245881 084e7eea24afb3e6596f502e1a3b4637c03c5860	no	3
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21	Information Disclosure Statement (IDS) Filed	IDS.pdf	250497 b76afa3f6e39b742f22080b672ca13bf3c3e9b76	no	6
<b>Warnings:</b>					
<b>Information:</b>					
This is not an USPTO supplied IDS fillable form					
22	NPL Documents	Computer-simulation-of-high-bit-rate-optical-fiber-transmission-using-single-frequency-lasers.pdf	582814 64cbf2d146dccb2d1637c67ef646f1466983e5	no	5
<b>Warnings:</b>					
<b>Information:</b>					
23	Fee Worksheet (PTO-06)	fee-info.pdf	8177 5cae8a44dff86222c70c1cfd992e9395310da915	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			16316643		

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

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If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.